

06/25/96

LYON COUNTY, MINNESOTA  
COMPREHENSIVE HYDRIC SOILS LIST

Map unit symbol and map unit name	Component	Component percent	Hydric	Local landform	HYDRIC SOIL CRITERIA *				Mapunit acres
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
6: AASTAD CLAY LOAM, 0 TO 2 PERCENT SLOPES	AASTAD-----	90	No	---	---	---	---	---	15,400
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
33B: BARNES LOAM, 1 TO 4 PERCENT SLOPES	BARNES-----	90	No	---	---	---	---	---	20,650
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
33B2: BARNES LOAM, 3 TO 6 PERCENT SLOPES, ERODED	BARNES-----	90	No	---	---	---	---	---	21,050
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
36: FLOM CLAY LOAM	FLOM-----	95	Yes	Swales	2B3	YES	NO	NO	29,560
	QUAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
51: LA PRAIRIE LOAM	LA PRAIRIE---	95	No	---	---	---	---	---	6,100
	LAMOURE-----	5	Yes	Flood plains	2B3	YES	NO	NO	
70: SVEA LOAM, 1 TO 3 PERCENT SLOPES	SVEA-----	90	No	---	---	---	---	---	3,900
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
86: CANISTEO CLAY LOAM	CANISTEO----	95	Yes	Flats	2B3	YES	NO	NO	54,800
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
114: GLENCOE SILTY CLAY LOAM	GLENCOE-----	95	Yes	Depressions	2B3,3	YES	NO	YES	14,250
	ROLFE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
127: SVERDRUP SANDY LOAM, 0 TO 2 PERCENT SLOPES	SVERDRUP-----	90	No	---	---	---	---	---	1,040
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	3	Yes	Flood plains	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	2	Yes	Depressions	2B3,3	YES	NO	YES	
127B: SVERDRUP SANDY LOAM, 2 TO 6 PERCENT SLOPES	SVERDRUP-----	90	No	---	---	---	---	---	2,000
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	3	Yes	Flood plains	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	2	Yes	Depressions	2B3,3	YES	NO	YES	
149B: EVERLY CLAY LOAM, 2 TO 4 PERCENT SLOPES	EVERLY-----	90	No	---	---	---	---	---	12,600
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
	LETRI-----	5	Yes	Swales	2B3	YES	NO	NO	
149B2: EVERLY CLAY LOAM, 3 TO 6 PERCENT SLOPES, ERODED	EVERLY-----	90	No	---	---	---	---	---	3,130
149C2: EVERLY CLAY LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EVERLY-----	90	No	---	---	---	---	---	1,055
	GLENCOE-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
	LETRI-----	5	Yes	Swales	2B3	YES	NO	NO	

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COMPREHENSIVE HYDRIC SOILS LIST (Continued)

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
168B: FORMAN CLAY LOAM, 2 TO 4 PERCENT SLOPES	FORMAN-----	90	No	---	---	---	---	---	24,000
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
168B2: FORMAN CLAY LOAM, 3 TO 6 PERCENT SLOPES, ERODED	FORMAN-----	90	No	---	---	---	---	---	15,800
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
184: HAMERLY LOAM, 1 TO 3 PERCENT SLOPES	HAMERLY-----	90	No	---	---	---	---	---	2,350
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
	VALLERS-----	5	Yes	Flats	2B3	YES	NO	NO	
210: FULDA SILTY CLAY	FULDA-----	90	Yes	Flats	2B3	YES	NO	NO	1,445
	OLDHAM-----	10	Yes	Depressions	3,2B3	YES	NO	YES	
212: SINAI SILTY CLAY, 1 TO 3 PERCENT SLOPES	SINAI-----	90	No	---	---	---	---	---	1,715
	FULDA-----	5	Yes	Flats	2B3	YES	NO	NO	
	OLDHAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
219: ROLFE LOAM	ROLFE-----	90	Yes	Depressions	2B3,3	YES	NO	YES	280
	GLENCOE-----	10	Yes	Depressions	3,2B3	YES	NO	YES	
236: VALLERS CLAY LOAM	VALLERS-----	90	Yes	Flats	2B3	YES	NO	NO	6,700
	QUAM-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
241: LETTRI CLAY LOAM	LETTRI-----	90	Yes	Swales	2B3	YES	NO	NO	8,000
	ROLFE-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
246: MARYSLAND LOAM	MARYSLAND----	90	Yes	Flats	2B3	YES	NO	NO	3,970
	VERY POORLY DRAINED SOIL	10	Yes	Depressions	2B3,3	YES	NO	YES	
276: OLDHAM SILTY CLAY LOAM	OLDHAM-----	90	Yes	Depressions	2B3,3	YES	NO	YES	1,475
	URNESS-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
284B: POINSETT SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES	POINSETT-----	90	No	---	---	---	---	---	2,600
	FULDA-----	5	Yes	Flats	2B3	YES	NO	NO	
	OLDHAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
284B2: POINSETT SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES, ERODED	POINSETT-----	90	No	---	---	---	---	---	680
	FULDA-----	5	Yes	Flats	2B3	YES	NO	NO	
	OLDHAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
284C2: POINSETT SILTY CLAY LOAM, 6 TO 12 PERCENT SLOPES, ERODED	POINSETT-----	90	No	---	---	---	---	---	565
	FULDA-----	5	Yes	Flats	2B3	YES	NO	NO	
	OLDHAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
335: URNESS SILT LOAM	URNESS-----	90	Yes	Depressions	3,2B3	YES	NO	YES	2,250
	OLDHAM-----	10	Yes	Depressions	3,2B3	YES	NO	YES	

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
339: FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	FORDVILLE----	90	No	---	---	---	---	---	2,900
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	3	Yes	Flood plains	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	2	Yes	Depressions	2B3,3	YES	NO	YES	
339B: FORDVILLE LOAM, 2 TO 6 PERCENT SLOPES	FORDVILLE----	90	No	---	---	---	---	---	1,730
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	3	Yes	Flood plains	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	2	Yes	Depressions	3,2B3	YES	NO	YES	
341: ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	ARVILLA-----	90	No	---	---	---	---	---	2,050
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	5	Yes	Depressions	2B3,3	YES	NO	YES	
341B: ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	ARVILLA-----	90	No	---	---	---	---	---	3,500
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	5	Yes	Depressions	2B3,3	YES	NO	YES	
341C: ARVILLA SANDY LOAM, 6 TO 12 PERCENT SLOPES	ARVILLA-----	90	No	---	---	---	---	---	1,350
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	5	Yes	Depressions	2B3,3	YES	NO	YES	
344: QUAM SILTY CLAY LOAM	QUAM-----	90	Yes	Depressions	2B3,3	YES	NO	YES	6,120
	OLDHAM-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
345: WILMONTON CLAY LOAM, 0 TO 2 PERCENT SLOPES	WILMONTON----	90	No	---	---	---	---	---	4,600
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
	LETTRI-----	5	Yes	Swales	2B3	YES	NO	NO	
347: MALACHY LOAM	MALACHY-----	90	No	---	---	---	---	---	800
	MARYSLAND----	5	Yes	Flats	2B3	YES	NO	NO	
	VERY POORLY DRAINED SOIL	5	Yes	Depressions	3,2B3	YES	NO	YES	
402E: SIOUX SOILS, 2 TO 40 PERCENT SLOPES	SIOUX-----	90	No	---	---	---	---	---	290
	POORLY DRAINED SOIL	10	Yes	Drainageways	2B3	YES	NO	NO	
418: LAMOURE SILTY CLAY LOAM	LAMOURE-----	90	Yes	Flood plains	2B3	YES	NO	NO	11,250
	RAUVILLE-----	10	Yes	Flood plains	2B3,4	YES	YES	NO	
421B: VES LOAM, 1 TO 4 PERCENT SLOPES	VES-----	90	No	---	---	---	---	---	29,750
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
421B2: VES LOAM, 3 TO 6 PERCENT SLOPS, ERODED	VES-----	90	No	---	---	---	---	---	22,779
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	3,2B3	YES	NO	YES	

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COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map unit symbol and map unit name	Component	Component percent	Hydric	Local landform	HYDRIC SOIL CRITERIA *				Mapunit acres
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
423: SEAFORTH LOAM, 1 TO 3 PERCENT SLOPES	SEAFORTH-----	90	No	---	---	---	---	---	10,930
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
437E: BUSE LOAM, 18 TO 25 PERCENT SLOPES	BUSE-----	90	No	---	---	---	---	---	2,650
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	5	Yes	Flood plains	2B3	YES	NO	NO	
437F: BUSE LOAM, 25 TO 40 PERCENT SLOPES	BUSE-----	90	No	---	---	---	---	---	4,200
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	LAMOURE-----	5	Yes	Flood plains	2B3	YES	NO	NO	
446: NORMANIA LOAM, 1 TO 3 PERCENT SLOPES	NORMANIA-----	90	No	---	---	---	---	---	8,900
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
450: RAUVILLE SILTY CLAY LOAM	RAUVILLE-----	90	Yes	Flood plains	4,2B3	YES	YES	NO	3,500
	LAMOURE-----	10	Yes	Flood plains	2B3	YES	NO	NO	
494B: DARNEN LOAM, 2 TO 6 PERCENT SLOPES	DARNEN-----	90	No	---	---	---	---	---	2,210
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
894D2: STORDEN-EVERLY COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	STORDEN-----	60	No	---	---	---	---	---	385
	EVERLY-----	35	No	---	---	---	---	---	
	GLENCOE-----	3	Yes	Depressions	2B3,3	YES	NO	YES	
	LETRI-----	2	Yes	Swales	2B3	YES	NO	NO	
902C2: BARNES-BUSE LOAMS, 6 TO 12 PERCENT SLOPES, ERODED	BARNES-----	55	No	---	---	---	---	---	15,700
	BUSE-----	45	No	---	---	---	---	---	
	FLOM-----	3	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	2	Yes	Depressions	2B3,3	YES	NO	YES	
904B2: ARVILLA-BARNES-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES, ERODED	ARVILLA-----	40	No	---	---	---	---	---	550
	BARNES-----	30	No	---	---	---	---	---	
	BUSE-----	20	No	---	---	---	---	---	
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
904C2: ARVILLA-BUSE-BARNES COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	ARVILLA-----	40	No	---	---	---	---	---	1,650
	BUSE-----	30	No	---	---	---	---	---	
	BARNES-----	20	No	---	---	---	---	---	
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	

LYON COUNTY, MINNESOTA  
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map unit symbol and map unit name	Component	Component percent	Hydric	Local landform	HYDRIC SOIL CRITERIA *				Mapunit acres
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
913D2: BUSE-BARNES LOAMS, 12 TO 18 PERCENT SLOPES, ERODED	BUSE-----	60	No	---	---	---	---	---	3,150
	BARNES-----	30	No	---	---	---	---	---	
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
915C2: FORMAN-BUSE COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	FORMAN-----	50	No	---	---	---	---	---	8,300
	BUSE-----	40	No	---	---	---	---	---	
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
915D2: BUSE-FORMAN COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	BUSE-----	60	No	---	---	---	---	---	3,250
	FORMAN-----	30	No	---	---	---	---	---	
	LAMOURE-----	3	Yes	Flood plains	2B3	YES	NO	NO	
	QUAM-----	2	Yes	Depressions	2B3,3	YES	NO	YES	
917D2: BUSE-SIOUX COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	BUSE-----	50	No	---	---	---	---	---	330
	SIOUX-----	40	No	---	---	---	---	---	
	FLOM-----	5	Yes	Swales	2B3	YES	NO	NO	
	QUAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
917E: BUSE-SIOUX COMPLEX, 18 TO 40 PERCENT SLOPES	BUSE-----	45	No	---	---	---	---	---	390
	SIOUX-----	45	No	---	---	---	---	---	
	FLOM-----	10	Yes	Swales	2B3	YES	NO	NO	
953C: ARVILLA-STORDEN-VES COMPLEX, 6 TO 15 PERCENT SLOPES	ARVILLA-----	40	No	---	---	---	---	---	365
	STORDEN-----	30	No	---	---	---	---	---	
	VES-----	25	No	---	---	---	---	---	
	CANISTEO-----	3	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	2	Yes	Depressions	2B3,3	YES	NO	YES	
954C2: STORDEN-VES LOAMS, 5 TO 12 PERCENT SLOPES, ERODED	STORDEN-----	55	No	---	---	---	---	---	7,000
	VES-----	35	No	---	---	---	---	---	
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	3,2B3	YES	NO	YES	
954D2: STORDEN-VES LOAMS, 12 TO 18 PERCENT SLOPES, ERODED	STORDEN-----	60	No	---	---	---	---	---	425
	VES-----	30	No	---	---	---	---	---	
	CANISTEO-----	5	Yes	Flats	2B3	YES	NO	NO	
	GLENCOE-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
986: LAMOURE AND LA PRAIRIE SOILS, FREQUENTLY FLOODED	LA PRAIRIE---	45	No	---	---	---	---	---	13,850
	LAMOURE-----	45	Yes	Flood plains	2B3,4	YES	YES	NO	
	RAUVILLE-----	10	Yes	Flood plains	2B3,4	YES	YES	NO	
1016: UDORTHENTS	UDORTHENTS---	100	Unranked	---	---	---	---	---	500
1029: PITS, GRAVEL	PITS-----	100	Unranked	---	---	---	---	---	790

LYON COUNTY, MINNESOTA  
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map unit symbol and map unit name	Component	Component percent	Hydric	Local landform	HYDRIC SOIL CRITERIA *				Mapunit acres
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1032: AQUENTS AND UDORTHENTS	AQUENTS-----	65	Unranked	---	---	---	---	---	365
	UDORTHENTS---	30	Unranked	---	---	---	---	---	
1053: AQUOLLS AND AQUENTS, PONDED	AQUOLLS-----	55	Yes	Depressions	2B3,3	YES	NO	YES	6,650
	AQUENTS-----	35	Yes	Depressions	2B3,3	YES	NO	YES	
1356: WATER, MISCELLANEOUS	WATER, MISCELLANEOU S-----	100		---	---	---	---	---	36
1809: BEARDEN COMPLEX	BEARDEN-----	90	No	---	---	---	---	---	4,600
	COLVIN-----	5	Yes	Flats	2B3	YES	NO	NO	
	OLDHAM-----	5	Yes	Depressions	2B3,3	YES	NO	YES	
1810: COLVIN COMPLEX	COLVIN-----	90	Yes	Flats	2B3	YES	NO	NO	11,100
	OLDHAM-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
1814: OLDHAM SILTY CLAY	OLDHAM-----	90	Yes	Depressions	2B3,3	YES	NO	YES	840
	URNESS-----	10	Yes	Depressions	2B3,3	YES	NO	YES	
W: WATER	WATER-----	100	Unranked	---	---	---	---	---	8,296